



Technical Specification

V100-GA Gas Approved

Input range: 4-20mA
 Supply pressure: 100 PSI (min 5 psi over output)
 Linearity error: <1.0% f.s.
 Hysteresis: <0.5% f.s.
 Repeatability: <0.5% f.s.
 Loop load 7.5 VDC @ 20 mA

Pneumatic Positioner
 Pressure Gain: 750 Pout/Pin
 Acc. To ISA S75.13 49% Pout/Pin

Pneumatic positioner:
 Delivery: SCFM SLPM
 @29 PSI (200kPa) 9.5 270
 @87 PSI (600kPa) 28.3 800
 @145 PSI (1Mpa) 47.1 1350

Consumption: SCFM SLPM
 @29 PSI (200kPa) 0.18 5
 @87 PSI (600kPa) 0.53 15
 @145 PSI (1Mpa) 0.88 25

Temp Range: -40° to 160° Fahrenheit
 -40° to 71° Celsius

RFI/EMI Effect Less than 0.5% of span

Connections: 1/4" NPT or G Threads
 Gauge port: 1/8" NPT or G Threads
 Cable entry: 1/2" NPT or M20x1.5 or PG 13.5

Ingress & corrosion protection: Nema 4X and IP 66

Weight 3.8 lbs 1.7 kg

Approvals: FM CSA



Intrinsically Safe
 CI I, Div 1, Gps C & D
 CI II Div 1, Gps E,F,G
 CI III Div 1 Fibers
 Temp code T4

Explosion Proof
 CI I, Div 1 & 2, Gps B,C,D

Dust Ignition Proof
 CI II & III, Div 1, Gps E,F, G